

# Review of: "Valorization of palm oil wastes into oyster mushrooms (*Pleurotus HK-37*) and biogas production"

Muhammad Arshad Mohamed Amin<sup>1</sup>

<sup>1</sup> Universiti Malaysia Perlis

**Potential competing interests:** No potential competing interests to declare.

I thoroughly enjoyed reading your paper. Your research is well-structured, and your methodology is clearly explained, making it easy to follow your study. The results and conclusions are supported by robust data, which adds credibility to your findings. Your references and citations are extensive, showing a strong understanding of the relevant literature. Furthermore, the impact of your findings for the field of study are carefully examined.

However, I have a few recommendations to improve the paper further;

- i. In the introduction section, the author only mentioned on the type of waste that is used, I suggest adding on the literature of previous study that discussed on the biogas yield using other agro-processing wastes so that it highlights your research gap and shows novelty of your study.
- ii. In introduction, review sentences have to include the results obtained from different authors.
- iii. In abstract, highlight the novelty of your research in contrast to other existing studies.
- iv. The degree Celsius symbol should have no spacing with the number (do correction for all the sections)
- v. In harvesting and biogas yield (methodology section), please add recent literature (within 5 years)
- vi. The biogas yield discussed (discussion section) is in percentage (%) format, I would suggest giving in terms of gram per litre (g/L)
- vii. In conclusion section explain more on the potential limitations and future research directions to give readers a clearer sense of the broader context and potential areas for further exploration.

Overall, your paper is a valuable contribution to the biofuel and agricultural field, and with these minor revisions, I believe it will become an even more impactful resource for researchers that are venturing in this field.